

PHILIPPE MAMAN, MSc

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EDUCATION

Southern California Institute of Architecture

- Master of Science, Architectural Technologies, September 2020, GPA 3.8

Tufts University

- Bachelor of Science in Cognitive and Brain Science, May 2015, GPA 3.5
- Interdisciplinary Minor in Engineering Psychology, Dean's list

EXPERIENCE

Senior Product Designer, Populus Technologies, September 2021 - Present

- Co-led a U.S. DOT grant-funded cohort of 15+ cities in the creation of open data tools to improve micromobility safety and data transparency; Designed an expansion of our platform to measure carbon savings related to micromobility utilization
- Lead user research and participatory design sessions informing updates to our product roadmap and backend data model
- Work with engineers to design modular functionality and UI to support the rapid release and testing of new product features
- Deliver prototypes, animations, design specifications and code samples for all new features
- Re-designed our information architecture and component library to establish consistent UX across our product suite

User Experience Designer (Freelance), HyperloopTT, May 2021 - Present

- Developed user journeys for a connected app experience accompanying riders from departure to arrival
- Designed a system of iconography to be used across the organization's suite of Mobility-As-A-Service applications

Urban Designer, Morphosis Architects, March - September 2021

- Developed narrative and animations for winning 170Km NEOM Mirror Line masterplan submission
- Conducted research to assess the energy demand and ecological impacts of walkable city masterplans along The Mirror Line

Research Fellow - Experience Design, SCI-Arc, September 2020 - March 2021

- Conducted research into how shared mobility app UX impacts appetite for incremental development along existing bus routes
- Developed parametric GIS analysis to identify under-utilized sites in Los Angeles County zoned for multi-family use that could benefit from environmental remediation and subsequently support the development of new affordable housing

Program Coordinator, The NOW Institute, January 2018 - September 2019

- Coordinated project development and local partnerships for two built projects in Haiti helping increase community access to potable water, healthy food and professional development resources
- Developed user experience of an AR art installation for Milan Design Week linking our design language to sustainable building practices
- Researched and wrote *LA NOW: The Sustainable LA Grand Challenge* - an action plan bringing together academic and public sector experts to outline pathways for LA County to reach 100% renewable energy and local water supply by 2050
- Updated and distributed *Haiti NOW*, our 700-page almanac describing Haiti's social, environmental and political histories.
- Wrote and edited digital and print publications as well as position papers for Pritzker winner Thom Mayne

User Experience Designer, Publicis Sapient, August 2015 - December 2017

- Redesigned Samsung's current B2B website and Mastercard MORE app suite
- Expanded upon market strategy for various clients; pitched new client work
- Helped launch New York branch of SNAP (Sapient Nitro Accelerated Prototyping), a prototyping lab testing emerging technology for the sake of exploration and gaining competitive leads

Junior User Experience Designer, Rapid7 LLC, May 2014 - May 2015

- In charge of re-designing portions of the interface for several IT security products as well as designing a dashboard method of switching between those applications

TOOLS + LANGUAGES

Software

- Figma, Storybook, Adobe Suite, Rhino/Grasshopper, Unity, Unreal, Cinema4D, Houdini

Programming

- Python, C#, HTML/CSS, Javascript, React, D3.js, Three.js, MapboxGL.js, PostgreSQL/PostGIS

Languages Spoken and Written

- English (U.S. Citizen), French (French Citizen)